



Substitute for form 1449A-B/PTO  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)		Complete if Known		
		Application Number	10/032,214	
		Filing Date	December 20, 2001	
		First Named Inventor	Juha Punnonen, et al.	
		Group Art Unit	1644	
		Examiner Name	Ilia I. Ouspenski	
		Attorney Docket Number	0169.410US	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
II	1	5,861,310		Freeman et al.	01-19-1999
	2	5,942,607		Freeman et al.	08-24-1999
	3	6,071,716		Freeman et al.	06-06-2000
	4	6,130,316		Freeman et al.	10-10-2000
	5	6,653,444		Freeman et al.	11-25-2003
	6	US 2003/0170821		Freeman et al.	09-11-2003

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office	Number		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s).			
	7	Azuma, M. et al., "B70 Antigen is a Second Ligand for CTLA-4 and CD28," <i>Nature</i> 366:76-79 (1993)			
	8	Freeman, G.J. et al., "Cloning of B7-2: A CTLA-4 Counter-Receptor that Costimulates Human T Cell Proliferation," <i>Science</i> 262:909-911 (1993)			
	9	Freeman, G.J. et al., "B7, A New Member of the Ig Superfamily with Unique Expression on Activated and Neoplastic B Cells," <i>J. Immunol.</i> 143:2714-22 (1989)			
	10	Isono, T. & Seto, A., <i>Immunogenetics</i> 42:217-20 (1995)			
	11	Kim, J.J. et al., "Engineering DNA Vaccines Via Co-delivery of Co-Stimulatory Molecule Genes," <i>Vaccine</i> 16(19):1828-1835 (1998)			
	12	Lazetic, S. et al., "Chimeric Co-stimulatory Molecules that Selectively Act Through CD28 or CTLA-4 on Human T Cells," <i>J. Biol. Chem.</i> 277(41):38660-38668 (2002)			
	13	Parsons, K.R., et al., "Cloning of Cattle CD80," <i>Immunogenetics</i> 49(3):231-234 (1999)			
	14	Patten, P. et al., "Applications of DNA Shuffling to Pharmaceuticals and Vaccines," <i>Current Opinion in Biotechnology</i> 8:724-733 (1997)			
	15	Peach, R. et al., "Complementarity Determining Region 1 (CDR1)- and CDR3-Analogous Regions in CTLA-4 and CD28 Determine the Binding to B7-1," <i>J. Exp. Med.</i> 180:2049-2058 (1994)			
	16	Stamper, C. et al., "Crystal Structure of the B7-1/CTLA-4 Complex that Inhibits Human Immune Responses," <i>Nature</i> 410:608-611 (March 2001)			
II	17	Stemmer, W. et al., "Searching Sequence Space: Using Recombination to Search More Efficiently and Thoroughly Instead of Making Bigger Combinatorial Libraries," <i>Biotechnology</i> 13:549-553 (1995)			

Examiner Signature	Ilia Ouspenski	Date Considered	07/18/2006
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.